

# Apache News Online: Apache WebServices

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## 16 January 2009 - Apache AXIOM 1.2.8 Released

[PR] - [Piense y crezca Rico Apache AXIOM](#) (AXIs Object Model) is a StAX-based, XML Infoset compliant object model which supports on-demand building of the object tree. It supports a novel "pull-through" model which allows one to turn off the tree building and directly access the underlying pull event stream. It also has built-in support for XML Optimized Packaging (XOP) and MTOM, the combination of which allows XML to carry binary data efficiently and in a transparent manner. The combination of these results in a easy to use API with a very highly performant architecture!

Initially developed as part of Apache Axis2, Apache AXIOM is the core of [Apache Axis2](#). However, it is a pure standalone XML Infoset model with novel features and can be used independently of Apache Axis2.

Please visit: <http://ws.apache.org/commons/axiom/>

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This is release includes over 40 bug fixes and other improvements.

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**[-- The Apache Axiom Team.](#)**

### Note:

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2009-01-16T23:51:26](#)

## 12 June 2008 - Apache Rampart 1.4 Released

[The Apache Rampart Team](#) has released the version 1.4 of Apache Rampart

Apache Rampart 1.4 is a toolkit that provides implementations of the WS-Sec specifications for Apache Axis2 1.4, based on Apache WSS4J 1.5.4 and the Apache AXIOM-DOOM 1.2.7 implementations.

You can download the releases from:

<http://ws.apache.org/rampart/download/1.4/download.cgi>

There are two main Apache Axis2 modules provided with this release.

- rampart-1.4.mar -- This provides support for WS-Security and WS-SecureConversation features.

- rahas-1.4.mar -- This module provides the necessary components to enable SecurityTokenService functionality on a service.

Apache Rampart 1.4 uses a configuration model based on WS-Policy and WS-Security Policy. It is important to note that the Apache Rampart 1.0 style configuration is also available even though being marked as deprecated.

Apache Rampart 1.4 can be successfully used with the next Apache Sandesha2 release targeted towards Apache Axis2 1.4 to configure WS-SecureConversation + WS-ReliableMessaging scenarios.

The rampart module was successfully tested for interoperability with other WS-Security implementations.

WS - Sec specifications supported by Apache Rampart are as follows:

- WS - Security 1.0 / 1.1
- WS - Secure Conversation - February 2005
- WS - Security Policy - 1.1 - July 2005
- WS - Security Policy - 1.2 - EXPERIMENTAL
- WS - Trust - February 2005
- WS - Trust - WS-SX spec - EXPERIMENTAL

New features in Apache Rampart 1.4

- WS Security 1.1
  - Encrypted headers
  - Encrypted SHA1 references
- WS Security Policy 1.2 support
  - WS Trust
  - Renew binding
  - Validation binding
- New configuration options
  - Ability to plug in Custom policy validators
  - Ability to define certificate alias different from username for signature
  - Ability turn off mili second precision
- Ability to secure SOAP faults
- Increased interoperability with WCF 3.5

Thank you for using Apache Rampart.

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**-- The Apache Rampart team**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2008-06-12T00:36:45](#)

**07 May 2008 - Apache Axis2/C 1.4.0 Released**

Apache Axis2/C Team is pleased to announce the release of Apache Axis2/C version 1.4.0 You can download this release from <http://ws.apache.org/axis2/c/download.cgi> Key Features ----- 1. Support for one-way messaging (In-Only) and request response messaging (In-Out) 2. Client APIs: Easy to use service client API and more advanced operation client API 3. Transports supported: HTTP \* Inbuilt HTTP server called simple axis server \* Apache2 httpd module called mod\_axis2 for server side \* IIS module for server side \* Client transport with ability to enable SSL support \* Basic HTTP Authentication \* Digest HTTP Authentication \* libcurl based client transport 4. Transports supported: HTTPS \* HTTPS Transport implementation using OpenSSL 5. Transports supported: TCP \* for both client and server side 6. Transport proxy support (HTTP) \* Proxy Authentication (Basic/Digest) 7. Module architecture, mechanism to extend the SOAP processing model. 8. WS-Addressing support, both the submission (2004/08) and final (2005/08) versions, implemented as a module. 9. MTOM/XOP support. 10. AXIOM, an XML object model optimized for SOAP 1.1/1.2 messages; This has complete XML infoset support. 11. XML parser abstraction \* Libxml2 wrapper \* Guththila pull parser support 12. Both directory based and archive based deployment models for deploying services and modules 13. Description hierarchy providing access to static data of Axis2/C runtime (configuration, service groups, services, operations and messages) 14. Context hierarchy providing access to dynamic Axis2/C runtime information (corresponding contexts to map to each level of description hierarchy) 15. Message receiver abstraction \* Inbuilt raw XML message receiver 16. Code generation tool for stub and skeleton generation for a given WSDL (based on Java tool) \* Axis Data Binding (ADB) support 17. REST support (more POX like) using HTTP POST, GET, HEAD, PUT and DELETE \* Support for RESTful Services 18. Comprehensive documentation \* Axis2/C Manual 19. WS-Policy implementation called...

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2008-05-07T02:23:49](#)

## 05 March 2008 - Apache Axis2/C 1.3.0 Released

Apache Axis2/C Team is pleased to announce the release of Apache Axis2/C version 1.3.0. You can download this release from <http://ws.apache.org/axis2/c/download.cgi> Key Features ----- 1. Support for one-way messaging (In-Only) and request response messaging (In-Out) 2. Client APIs: Easy to use service client API and more advanced operation client API 3. Transports supported: HTTP \* Inbuilt HTTP server called simple axis server \* Apache2 httpd module called mod\_axis2 for server side \* IIS module for server side \* Client transport with ability to enable SSL support \* Basic HTTP Authentication \* Digest HTTP Authentication \* libcurl based client transport 4. Transports supported: HTTPS \* HTTPS Transport implementation using OpenSSL 5. Transports supported: TCP \* for both client and server side 6. Transport proxy support (HTTP) \* Proxy Authentication (Basic/Digest) 7. Module architecture, mechanism to extend the SOAP processing model. 8. WS-Addressing support, both the submission (2004/08) and final (2005/08) versions, implemented as a module. 9. MTOM/XOP support. 10. AXIOM, an XML object model optimized for SOAP 1.1/1.2 messages; This has complete XML infoset support. 11. XML parser abstraction \* Libxml2 wrapper \* Guththila pull parser support 12. Both directory based and archive based deployment models for deploying services and modules 13. Description hierarchy providing access to static data of Axis2/C runtime (configuration, service groups, services, operations and messages) 14. Context hierarchy providing access to dynamic Axis2/C runtime information (corresponding contexts to map to each level of description hierarchy) 15. Message receiver abstraction \* Inbuilt raw XML message receiver 16. Code generation tool for stub and skeleton generation for a given WSDL (based on Java tool) \* Axis Data Binding (ADB) support 17. REST support (more POX like) using HTTP POST, GET, HEAD, PUT and DELETE \* Support for RESTful Services 18. Comprehensive documentation \* Axis2/C Manual 19. WS-Policy implementation...

### Note:

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2008-03-05T13:55:16](#)

## 09 October 2007 - Apache Sandesha2 1.3 Released

Apache WebServices Project announced 1.3 release of Apache Sandesha2. New release is compatible with recently released Axis2/Java 1.3. It also includes number of bug fixes and improvements to code base. You can download the source and binaries from, <http://ws.apache.org/sandesha/sandesha2/download.cgi>...

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2007-10-09T12:34:36](#)

## 05 October 2007 - Apache Rampart/C 1.0.0 Released

Apache Rampart/C team is pleased to announce the release of Apache Rampart/C 1.0. You may download the release from <http://ws.apache.org/rampart/c/download.cgi...>

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2007-10-05T12:38:29](#)

## 01 October 2007 - Apache Axis2/C 1.1.0 released

Apache Axis2/C Team is pleased to announce the release of Apache Axis2/C version 1.1.0 You can download this release from: <http://ws.apache.org/axis2/c/download.cgi...>

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2007-10-01T12:41:24](#)

## 14 August 2007 - Apache Axis2 1.3 Released

Just over 4 months since the original 1.2 release, we are very proud to announce the release of Apache Axis2 version 1.3. Downloads are available at: <http://ws.apache.org/axis2/download.cgi> Apache Axis2 is a complete re-design and re-write of the widely used Apache Axis engine and is a more efficient, more scalable, more modular and more XML-oriented Web services framework. It is carefully designed to support the easy addition of plug-in "modules" that extend its functionality for features such as security and reliability. Modules supporting WS-Security/Secure-Conversation (Apache Rampart), WS-Trust (Apache Rahas), WS-Reliable Messaging (Apache Sandesha) and WS-Eventing (Apache Savan) will be available soon after the Apache Axis2 1.3 release. Please see these projects' own sites for further information. Major Changes Since 1.2: - Moved to maven2 from maven1 - Significantly improved documentation - Significantly improved support for POJO services and clients - Significantly improved Deployment module and custom deployers - Significantly improved support for Spring services - Significantly improved Axis Data Binding (ADB) to increase schema coverage and overall stability - Improved handler and module interfaces - Improved Eclipse and Idea plugins -

Fixed tons of small and not-so-small bugs - Major code cleanup and improved exception handling - All the asynchronous MessageReceivers have been deprecated - Deprecating the introspection to find init()/destroy() methods on service classes. - Deprecated the Callback interface  
[<http://wiki.apache.org/ws/FrontPage/Axis2/changesfrom1.2to1.3>] - Added a new phase called "Addressing" and moved all the addressing handlers into that phase - Name of the wsdl2java generated Exception classes changed. Earlier it had the Exception suffix and from Axis2 1.3 it has been removed - Interface changed in ADB Datasource class - Classpath module loading support Known Issues and Limitations in 1.3 Release: - Java2WSDL and runtime WSDL generation only support doc-lit/bare and doc-lit/wrapped - Custom deployers only work in file system based repository. -...

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2007-08-14T11:12:24](#)

## 09 August 2007 - Apache Tuscany Java SDO 1.0-incubating Now Available

[The Apache Tuscany team](#) is pleased to announce the 1.0-incubating release of the Java SDO project.

This project provides an implementation of the [SDO 2.1 specification](#) and this is our first release to provide full coverage of the specification. In addition to completing the few remaining SDO 2.1 features there are a number of new features relating to XML serialization, new support for handling dynamic derivation from static classes and improvement to the sample programs. For the full change history take a look at [RELEASE NOTES](#)

To download SDO Java or for more information about the release go to:  
<http://incubator.apache.org/tuscany/sdo-java-releases.html>

Apache Tuscany welcomes your help. Any contribution, including code, testing, improving the documentation, or bug reporting is always appreciated. For more information on how to get involved in Apache Tuscany visit the website at:  
<http://incubator.apache.org/tuscany>.

(Tuscany is an effort undergoing incubation at [the Apache Software Foundation](#) (ASF), sponsored by the [Apache Web services PMC](#). Incubation is required of all newly accepted projects until a further review indicates that the infrastructure, communications, and decision making process have stabilized in a manner consistent with other successful ASF projects. While incubation status is not

necessarily a reflection of the completeness or stability of the code, it does indicate that the project has yet to be fully endorsed by the ASF.)

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### [-- The Apache Tuscany Team](#)

**Note:**

Apache Incubator -- Posted by [Tetsuya Kitahata](#) at [2007-08-09T02:15:43](#)

### **08 June 2007 - Apache Synapse 1.0 Released**

The Apache Synapse team is pleased to announce the first full release of Apache Synapse with the 1.0 release. Apache Synapse is a simple and highly effective Web Services intermediary and SOA framework. It can be added to your existing network very simply either as a services gateway or as an HTTP proxy. Once Apache Synapse is mediating your service requests it can perform many functions including routing, load-balancing, transformation and protocol switching. Apache Synapse can be used to build an Enterprise Service Bus (ESB) or Service Oriented Architecture (SOA). Apache Synapse has been designed to support very fast XML routing with a streaming XML design based upon Apache Axiom. In addition, the use of a completely asynchronous architecture and non-blocking IO based on Java NIO ensures that Synapse has very low overhead and can scale to support thousands of concurrent clients without dropping messages. The main features of Synapse include:

- \* Support for XML/HTTP, JMS, SOAP 1.1/1.2, WS-Addressing, MTOM binary attachments
- \* Simple protocol switching between XML/HTTP (POX) and SOAP, JMS and HTTP
- \* Built in support for XPath and Regex based routing, XSLT-based transformations
- \* High-performance non-blocking HTTP and HTTPS support (based on Apache HttpCore) - millisecond-level routing - supports thousands of concurrent connections
- \* Load-balancing, failover and throttling support
- \* Support for advanced Web Services standards
- \* WS-ReliableMessaging
- \* WS-Security
- \* WS-Policy
- \* JMS support including text, binary, XML and SOAP/JMS
- \* Logging and header-manipulation
- \* Extensible via scripting languages including JavaScript, Groovy and Ruby - full support for native XML via E4X and REXML - Apache BSF support enables many scripting languages
- \* Custom Java classes or Spring Framework assemblies allow Synapse to be extended
- \* Extensibility model allows the core XML configuration language to be enhanced by plugin JARs
- \* Support for timeouts, fault handling...

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2007-06-08T15:23:03](#)

## 02 June 2007 - Apache Rampart 1.2 Released

[The Apache Rampart Development team](#) would like to announce the release of the version 1.2 of Apache Rampart.

Apache Rampart 1.2 is a toolkit that provides implementations of the WS-Sec\* specifications for [Apache Axis2](#) 1.2, based on Apache WSS4J 1.5.2 and the Apache AXIOM-DOOM 1.2.4 implementations.

There are two main Apache Axis2 modules provided with this release.

- rampart-1.2.mar  
This provides support for WS-Security and WS-SecureConversation features.
- rahas-1.2.mar  
This module provides the necessary components to enable SecurityTokenService functionality on a service.

Apache Rampart 1.2 uses a configuration model based on WS-Policy and WS-Security Policy and it is important to note that Apache Rampart 1.0 style configuration is also available even though being marked as deprecated.

Apache Rampart 1.2 can be successfully used with the next [Apache Sandesha2](#) release targeted towards Apache Axis2 1.2 to configure WS-SecureConversation + WS-ReliableMessaging scenarios.

The rampart module was successfully tested for interoperability with other WS-Security implementations.

WS - Sec\* specifications supported by Apache Rampart are as follows:

- WS - Security 1.0
- WS - Secure Conversation - February 2005
- WS - Security Policy - 1.1 - July 2005
- WS - Trust - February 2005
- WS - Trust - WS-SX spec - EXPERIMENTAL

Thank you for using Apache Rampart.

----

**-- The Apache Rampart team**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2007-06-02T12:07:15](#)

## 31 May 2007 - Apache WSS4J 1.5.2 released

[The Apache WSS4J Team](#) is happy to announce the release of Apache WSS4J 1.5.2.

You can download the releases from:

[http://www.apache.org/dyn/closer.cgi/ws/wss4j/1\\_5\\_2](http://www.apache.org/dyn/closer.cgi/ws/wss4j/1_5_2)

Apart from the binary and source distributions, We have an additional ZIP file that contains other required JAR files to install and run WSS4J.

This release of wss4j uses [Apache XML Security 1.4.0](#).

Please refer to the \*readme.\* files in the distribution for further information regarding implemented features, additional information, links to the Wiki pages, etc.

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### [-- The Apache WSS4J team](#)

#### Note:

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at 2007-05-31T20:14:46

## 07 May 2007 - Apache Axis2/C 1.0.0 Released

[Apache Axis2/C Team](#) is pleased to announce the release of Apache Axis2/C version 1.0.0

You can download this release from <http://ws.apache.org/axis2/c/download.cgi>

### Key Features

1. Support for one-way messaging (In-Only) and request response messaging (In-Out)
2. Client APIs: Easy to use service client API and more advanced operation client API
3. Transports supported: HTTP
  1. Inbuilt HTTP server called simple axis server
  2. Apache2 httpd module called mod\_axis2 for server side
  3. IIS module for server side
  4. Client transport with ability to enable SSL support
  5. libcurl based client transport
4. Module architecture, mechanism to extend the SOAP processing model
5. WS-Addressing support, both the submission (2004/08) and final(2005/08) versions, implemented as a module

6. MTOM/XOP support
7. AXIOM, an XML object model optimized for SOAP 1.1/1.2 messages; This has complete XML infoset support
8. XML parser abstraction
  1. Libxml2 wrapper
  2. Guththila pull parser support
9. Both directory based and archive based deployment models for deploying services and modules
10. Description hierarchy providing access to static data of Axis2/C runtime (configuration, service groups, services, operations and messages)
11. Context hierarchy providing access to dynamic Axis2/C runtime information (corresponding contexts to map to each level of description hierarchy)
12. Message receiver abstraction
  1. Inbuilt raw XML message receiver
13. Code generation tool for stub and skeleton generation for a given WSDL (based on Java tool)
  1. Axis Data Binding (ADB) support
14. Transport proxy support
15. REST support (more POX like) using both HTTP POST and GET
16. Comprehensive documentation
  1. Axis2/C Manual

#### Major Changes Since Last Release

1. Many Bug Fixes
2. IIS module for server side
3. libcurl based client transport
4. Improvements to overall API to make it more user friendly, stable and binary compatible
5. Transport proxy support
6. Memory leak fixes We welcome your early feedback on this implementation.

Thank you for your interest in Axis2/C.

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**-- The Apache Axis2/C Team**

#### Note:

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2007-05-07T21:26:06](#)

## 06 April 2007 - Apache AXIOM (WebServices Commons) 1.2.3 Released

[Apache AXIOM](#) is a StAX-based, XML Infoset compliant object model which supports on-demand building of the object tree. It supports a novel "pull-through" model which allows one to turn off the tree building and directly access the underlying pull event stream. It also has built-in support for XML Optimized Packaging (XOP) and MTOM, the combination of which allows XML to carry binary data efficiently and in a transparent manner. The combination of these results in a easy to use API with a very high performant architecture

Initially developed as part of Apache Axis2, Apache AXIOM (AXIs Object Model) is the core of Apache Axis2. However, it is a pure standalone XML Infoset model with novel features and can be used independently of Apache Axis2.

Please visit: <http://ws.apache.org/commons/axiom/>

#### Key Features

- Full XML Infoset compliant XML object model
- StAX based builders with on-demand building and pull-through
- XOP/MTOM support offering direct binary support
- Convenient SOAP Infoset API on top of AXIOM
- Two implementations included:
  - Linked list based implementation
  - W3C DOM supporting implementation
- High performant

#### What's New in This Release

This is release includes a set of bug fixes which are necessary for Axis2 release and improvements to file caching.

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#### **-- The Apache Axiom Team**

##### Note:

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2007-04-06T13:40:14](#)

## **10 January 2007 - Apache AXIOM (WebServices Commons) 1.2.2 Released**

[Apache AXIOM](#) is a StAX-based, XML Infoset compliant object model which supports on-demand building of the object tree. It supports a novel "pull-through"

model which allows one to turn off the tree building and directly access the underlying pull event stream. It also has built-in support for XML Optimized Packaging (XOP) and MTOM, the combination of which allows XML to carry binary data efficiently and in a transparent manner. The combination of these results in a easy to use API with a very high performant architecture

Initially developed as part of [Apache Axis2](#), Apache AXIOM (AXIs Object Model) is the core of Apache Axis2. However, it is a pure standalone XML Infoset model with novel features and can be used independently of Apache Axis2.

Please visit: <http://ws.apache.org/commons/axiom/>

### Key Features

=====

- Full XML Infoset compliant XML object model
- StAX based builders with on-demand building and pull-through
- XOP/MTOM support offering direct binary support
- Convenient SOAP Infoset API on top of AXIOM
- Two implementations included:
  - Linked list based implementation
  - W3C DOM supporting implementation
- High performant

### What's New in This Release

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This is release includes few bug fixes, specially following issues.

- WSCOMMONS-144 : Axiom having problem when serializing name spaces with null namespaceUri.

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### [-- The Apache Axiom Team](#)

#### Note:

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2007-01-10T23:09:52](#)

## 10 January 2007 - Apache Axis2 1.1.1 Released

Its been over a month since the 1.1 release of Apache Axis2 and we are happy to

announce the release of [Apache Axis2 version 1.1.1](#).

The download is available at: <http://ws.apache.org/axis2/download.cgi>

Apache Axis2 is a complete re-design and re-write of the widely used Apache Axis engine and is a more efficient, more scalable, more modular and more XML-oriented Web services framework. It is carefully designed to support the easy addition of plug-in "modules" that extends its functionality for features such as security and reliability.

Modules supporting WS-Security/Secure-Conversation ([Apache Rampart](#)), WS-Trust (Apache Rahas), WS-Reliable Messaging ([Apache Sandesha2](#)) are already available. Modules supporting WS-Eventing (Apache Savan) & WS-Transactions ([Apache Kandula2](#)) will be available soon after the Apache Axis2 1.1.1 release. Please see these projects' own sites for further information.

Major changes since 1.1:

- Performance improvements
- Bug fixes

Known issues and limitations in 1.1.1 release:

- ADB does not support unwrapping of response messages(coming in 1.2)
- JSR 181/183 Annotation support (coming in 1.2)
- JaxMe and JAXBRI data binding support is experimental
- Simple Axis Server does not support POX/REST
- RPC Message Receiver does not validate request against the schema (AXIS2-1943)
- Axis2 Idea plugin shows random behavior when [XMLBeans](#) is used

Apache Axis2 1.1.1 is a bug fix release of Axis2's 1.1 version, which was a major release since Axis2 1.0. We are striving for a simple and happy first time user experience as well as satisfying advanced users.

We welcome any and all feedback:

- [axis-user@ws.apache.org](mailto:axis-user@ws.apache.org) (please include "[axis2]" in the subject)
- [axis-dev@ws.apache.org](mailto:axis-dev@ws.apache.org) (please include "[axis2]" in the subject)
- <http://issues.apache.org/jira/browse/AXIS2>

Thank you for your interest in Apache Axis2

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**[-- The Apache Axis2 Development Team](#)**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at 2007-01-10T23:00:40

## 11 December 2006 - Apache Rampart 1.1 Released

Apache Rampart team is happy to announce the 1.1 release of Apache Rampart

You can download the releases from:

[http://www.apache.org/dyn/closer.cgi/ws/rampart/1\\_1](http://www.apache.org/dyn/closer.cgi/ws/rampart/1_1)

Apache Rampart 1.1 is a toolkit that provides implementations of the WS-Sec\* specifications for [Apache Axis2](#) 1.1, based on Apache [WSS4J](#) 1.5.1 and the Apache AXIOM-DOOM 1.2.1 implementation.

What is in this release

There are two main [Apache Axis2](#) modules provided with this release.

- rampart-1.1.mar -- This provides support for WS-Security and WS-SecureConversation features.
- rahas-1.1.mar -- This module provides the necessary components to enableSecurityTokenService functionality on a service.

Apache Rampart 1.1 introduces a new configuration model based on WS-Policy and WS-Security Policy and it is important to note that Apache Rampart 1.0 style configuration is now deprecated and will not be available in next major version.

Apache Rampart 1.1 can be successfully used with the next [Apache Sandesha2](#) release targeted towards Apache Axis2 1.1 to configure WS-SecureConversation + WS-ReliableMessaging scenarios.

The rampart module was successfully tested for interoperability with other WS-Security implementations.

WS - Sec\* specifications supported by Apache Rampart are as follows:

- WS - Security 1.0
- WS - Secure Conversation - February 2005
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- WS - Trust - February 2005
- WS - Trust - WS-SX spec - EXPERIMENTAL

Thank you for using Apache Rampart.

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-- **The Apache Rampart team**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at 2006-12-11T10:19:45

## 11 December 2006 - Apache WSS4J 1.5.1 Released

[The Apache WSS4J Team](#) is happy to announce the WSS4J-1.5.1 release.

You can download the releases from:

[http://www.apache.org/dyn/closer.cgi/ws/wss4j/1\\_5\\_1](http://www.apache.org/dyn/closer.cgi/ws/wss4j/1_5_1)

Apart from the binary and source distributions, We have an additional ZIP file that contains other required JAR files to install and run WSS4J.

Please refer to the \*readme.\* files in the distribution for further information regarding implemented features, additional information, links to the Wiki pages, etc.

The WSS4J core classes were improved to allow more flexibility and control, and following issues were fixed after the 1.5.0 release:

WSS-35, WSS-44, WSS-48, WSS-50, WSS-53, WSS-58, WSS-61

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-- **[The Apache WSS4J team](#)**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at 2006-12-11T06:35:35

## 14 November 2006 - Apache Axis2 1.1 Released

Just over 6 months since the original 1.0 release, we, [the Apache Axis2 development team](#) members, are very proud to announce the release of Apache Axis2 version 1.1.

Downloads are available at: <http://ws.apache.org/axis2/download.cgi>

Apache Axis2 is a complete re-design and re-write of the widely used Apache Axis engine and is a more efficient, more scalable, more modular and more XML-oriented Web services framework. It is carefully designed to support the easy addition of

plug-in "modules" that extend its functionality for features such as security and reliability.

Modules supporting WS-Security/Secure-Conversation (Apache Rampart), WS-Trust (Apache Rahas), WS-Reliable Messaging (Apache Sandesha) and WS-Eventing (Apache Savan) will be available soon after the Apache Axis2 1.1 release. Please see these projects' own sites for further information.

#### Major Changes Since 1.0:

- Significantly improved documentation
- Significantly improved support for POJO services and clients
- Significantly improved support for Spring services
- Significantly improved Axis Data Binding (ADB) to increase schema coverage and overall stability
- Improved service lifecycle model
- Improved JMS support
- Improved handler and module interfaces
- Improved Eclipse and Idea plugins
- New Attachments API for sending & receiving MTOM and SwA attachments
- Built in support for WS-Policy via Apache Neethi
- Added support for unwrapping Web service requests
- Fixed tons of small and not-so-small bugs
- Major refactoring of release structure to make usage easy

#### Known Issues and Limitations in 1.1 Release:

- Unwrapping of response messages (coming in 1.2)
- JSR 181/183 Annotation support (coming in 1.2)
- JaxMe and JAXBRI data binding support is experimental
- Simple Axis Server does not support POX/REST

Apache Axis2 1.1 is a major new release compared to Axis2 1.0. We are striving for a simple and happy first time user experience as well as a satisfying experienced user experience with this release. We welcome any and all feedback at:

- [axis-user@ws.apache.org](mailto:axis-user@ws.apache.org) (please include "[axis2]" in the subject)
- [axis-dev@ws.apache.org](mailto:axis-dev@ws.apache.org) (please include "[axis2]" in the subject)
- <http://issues.apache.org/jira/browse/AXIS2>

Thank you for your interest in Apache Axis2

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## **-- The Apache Axis2 Development Team**

### **Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2006-11-14T15:08:24](#)

## **14 November 2006 - Apache AXIOM (WebServices Commons) 1.2 Released**

We, [the Apache AXIOM development team](#) (Under the [Apache WebServices Commons](#) Subproject) members, are proud to announce the release of Version 1.2 of Apache AXIOM. (Download : <http://ws.apache.org/commons/axiom/download.cgi> )

Apache AXIOM is a StAX-based, XML Infoset compliant object model which supports on-demand building of the object tree. It supports a novel "pull-through" model which allows one to turn off the tree building and directly access the underlying pull event stream. It also has built-in support for XML Optimized Packaging (XOP) and MTOM, the combination of which allows XML to carry binary data efficiently and in a transparent manner. The combination of these results in a easy to use API with a very high performant architecture!

### Key Features

- Full XML Infoset compliant XML object model
- StAX based builders with on-demand building and pull-through
- XOP/MTOM support offering direct binary support
- Convenient SOAP Infoset API on top of AXIOM
- Two implementations included:
  - Linked list based implementation
  - W3C DOM supporting implementation
- High performant

### What's New in This Release

- Improved XML serialization
- Improved Builder hierarchy
- Improved MTOM handling
- Numerous bug fixes

If you like to contribute to AXIOM please help us to shape AXIOM. Any contribution in the form of coding, testing, submitting improvements to the documentation, and reporting bugs are always welcome.

Project Mailing List : commons-dev@ws.apache.org

Thanks for your interest in Apache AXIOM.

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**[-- The Apache AXIOM Development Team](#)**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2006-11-14T12:31:27](#)

**13 November 2006 - Apache WS-Commons XMLSchema 1.2 Released**

This is [the release](#) of [XMLSchema](#) 1.2 of Apache WS-Commons ([Apache WebServices Commons Project](#)). [This release](#) includes numerous bug fixes.

XMLSchema is a lightweight schema object model that can be used to manipulate and generate XML schema representations. It has no external dependencies and can be easily integrated into an existing project.

You are welcome to kick the tires and get XMLSchema on the move. If you like to help us shape XMLSchema any contribution in the form of coding, testing, submitting improvements to the documentation, and reporting bugs are always welcome.

Thanks for your interest in XMLSchema

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**[-- The Apache WS-Commons XMLSchema Development Team](#)**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2006-11-14T00:37:33](#)

**02 September 2006 - Apache Axis2/C 0.93 released**

[The Apache Axis2C Development Team](#) is pleased to announce the release of Apache Axis2/C version 0.93. You can download this release from <http://ws.apache.org/axis2/c/download.cgi>

**Key Features**

1. AXIOM, an XML object model optimized for SOAP 1.1/1.2 Messages. This has

complete XML infoset support.

2. Support for one-way messaging (In-Only) and request response messaging (In-Out)
3. Description hierarchy (configuration, service groups, services, operations and messages)
4. Directory based deployment model
5. Archive based deployment model
6. Context hierarchy (corresponding contexts to map to each level of description hierarchy).
7. Raw XML message receiver
8. Module architecture, mechanism to extend the SOAP processing model
9. Module version support
10. Transports supports: HTTP
  - Both simple axis server and Apache2 httpd module for server side
  - Client transport with ability to enable SSL support
11. Service client and operation client APIs
12. REST support (HTTP POST case)
13. WS-Addressing, both the submission (2004/08) and final (2005/08) versions
14. MTOM/XOP support
15. Code generation tool for stub and skeleton generation for a given WSDL (based on Java tool)
  - Axis Data Binding (ADB) support
16. Security module with UsernameToken support
17. REST support (HTTP GET case) - New
18. Dynamic invocation support (based on XML schema and WSDL implementations) - New

#### Major Changes Since Last Release

1. REST support for HTTP GET case
2. XML Schema implementation
3. Woden/C implementation that supports both WSDL 1.1 and WSDL 2.0
4. Dynamic client invocation (given a WSDL, consume services dynamically)
5. Numerous improvements to API and API documentation
6. Many bug fixes, especially, many paths of execution previously untouched were tested along with Sandesha2/C implementation

#### TODOs Remaining for 1.0

1. Complete API documentation and API improvements
2. Fix major memory leaks
3. Test codegen for both ADB and none cases
4. Put in place a comprehensive functional test framework
5. WSDL2C tool

We welcome your early feedback on this implementation. Thanks for your interest in Axis2C

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## **-- Apache Axis2C Development Team**

### **Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2006-09-02T06:01:42](#)

## **01 September 2006 - Apache XML-RPC 3.0 Released**

[The Apache XML-RPC team](#) is glad to announce the availability of Apache XML-RPC, version 3. Version 3 is an almost complete rewrite of its predecessor. Although complying to the XML-RPC specification by default, it introduces the concept of so-called vendor extensions. Vendor extensions are available only, if both client and server are using Apache XML-RPC 3. Available vendor extensions include:

- A streaming mode allows running client and server with a low memory profile, regardless of any document size.
- XML-RPC request and response may be compressed using gzip
- Custom data types are supported, in particular null, byte, short, long, float, big decimal, big integer, DOM nodes, Serializable objects, Calendar

Additionally, support for dynamic client generation is available. In other words, if the servers methods are implementing an interface, then the client may create an instance of the same interface, which is actually invoking the servers methods.

The Apache XML-RPC web site is at:

<http://ws.apache.org/xmlrpc>

Apache XML-RPC 3 is available from any Apache mirror:

<http://www.apache.org/dyn/closer.cgi/ws/xmlrpc>

Maven 1 and 2 compliant jar files are available from

<http://repo1.maven.org/maven/xmlrpc>

<http://repo1.maven.org/maven2/org/apache/xmlrpc/>

### **Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2006-09-01T07:52:01](#)

## 18 June 2006 - Apache Axis2/C 0.92 Released

We -- [The Apache Axis2/C Team](#) -- are pleased to announce the release of Apache Axis2/C version 0.92. You can download this release from <http://ws.apache.org/axis2/c/download.cgi>

### Key Features

1. AXIOM, an XML object model optimized for SOAP 1.1/1.2 Messages. This has complete XML infoset support.
2. Support for One-Way Messaging (In-Only) and Request Response Messaging (In-Out)
3. Module Architecture, mechanism to extend the SOAP processing model
4. Context hierarchy
5. Directory based deployment model
6. Raw XML providers
7. WS-Addressing, both the submission (2004/08) and final (2005/08) versions
8. Transports supports: HTTP -- Apache Axis2/C Team -- ack on this implementation.

Thanks for your interest in Axis2/C

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-- [The Apache Axis2/C Team](#)

#### Note:

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at 2006-06-18T03:57:05

## 09 May 2006 - Apache TCPMon (WebServices Commons) 1.0 Released

[Apache TCPMon Team](#) is proud to announce the 1.0 release of Apache TCPMon, the recently moved out tool from [Apache Axis2](#).

You can download this release from our official site at <http://ws.apache.org/commons/tcpmon/download.cgi>

The release jar is available at <http://www.apache.org/dist/java-repository/ws-commons/jars/> for embedding purposes

Additions to this release apart from the regular TCPMon include

1. SOAP message sender capability to send arbitrary SOAP messages
2. Batch and shell scripts to easily start TCPMon
3. Documentation including a simple user guide

Please use this release and send your comments to commons-dev@ws.apache.org.

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-- [Apache TCPMon Team](#)

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at 2006-05-09T15:36:18

## 05 May 2006 - Apache Rampart 1.0 Released

Apache Rampart Team is happy to announce the 1.0 release of Apache Rampart.

Apache Rampart is the [Apache Axis2](#) module that implements the WS-Security specification based on [Apache WSS4J](#) 1.5.0 and the Apache AXIOM-DOOM implementation.

In addition to the WS-Security features listed in the WSS4J web site (<http://ws.apache.org/wss4j>) rampart provides:

- Ability to MTOM optimize parts of the message
- Convenient and intuitive configurations
- Mechanism to dynamically configure the module
- Experimental WS-SecurityPolicy support

This module was successfully tested for interoperability with other WS-Security implementations.

You can download the rampart-1.0.mar from:

[http://www.apache.org/dyn/mirrors/mirrors.cgi/ws/axis2/modules/rampart/1\\_0/](http://www.apache.org/dyn/mirrors/mirrors.cgi/ws/axis2/modules/rampart/1_0/)

For documentation on configuration please refer

[http://ws.apache.org/axis2/modules/rampart/1\\_0/security-module.html](http://ws.apache.org/axis2/modules/rampart/1_0/security-module.html)

Let "rampart" secure your messages !!!

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-- Apache Rampart Team

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at 2006-05-06T05:38:23

## 04 May 2006 - Apache Axis2 1.0 Released

[The Apache Axis2 Development Team](#) is very proud to announce that Apache Axis2 1.0 has been released.

Apache Axis2 is a complete re-design and re-write of the widely used Apache Axis SOAP stack to build on the lessons learnt from Apache Axis.

Apache Axis2 not only supports SOAP 1.1 and SOAP 1.2, but it also has integrated support for the widely popular REST style of Web services: the same business logic implementation can offer both a WS-\* style interface as well as a REST style interface simultaneously.

Apache Axis2 is more efficient, more modular and more XML-oriented than the older version. It is carefully designed to support the easy addition of plug-in "modules" that extend its functionality for features such as security and reliability. Modules currently available or under development include:

- [WS-ReliableMessaging](#) - Supported by [Apache Sandesha2](#)
- [WS-Coordination](#) and [WS-AtomicTransaction](#) - Supported by [Apache Kandula2](#)
- [WS-Security](#) - Supported by [Apache Rampart](#)
- [WS-Addressing](#) - [Module](#) included as part of Axis2 core

Apache Axis2 is built on [Apache Axiom \(WebServices Commons\)](#), a new high performant, pull-based XML object model that was released two days ago.

Downloads: <http://ws.apache.org/axis2/download.cgi>

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### [-- The Apache Axis2 Development Team](#)

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at 2006-05-05T12:57:27

## 03 May 2006 - Apache Neethi (WebServices Commons) 1.0.1 Released

[The Apache Neethi team](#) is proud to announce the release of Apache Neethi version 1.0.1 You can download the source and binary distributions from the following mirrors.

Mirrors: [http://www.apache.org/dyn/closer.cgi/ws/commons/neethi/1\\_0\\_1/](http://www.apache.org/dyn/closer.cgi/ws/commons/neethi/1_0_1/)

Please use our backup site if the mirrors are not yet updated.

Backup: [http://www.apache.org/dist/ws/commons/neethi/1\\_0\\_1/](http://www.apache.org/dist/ws/commons/neethi/1_0_1/)

Please feel free to send any feedback to our mailing list  
commons-dev@ws.apache.org (preferably with [Neethi] prefix).

Visit our website at: <http://ws.apache.org/commons/neethi/index.html> for further information.

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**-- The Apache Neethi Team**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2006-05-04T08:53:13](#)

### **03 May 2006 - Apache WSS4J 1.5.0 Released**

[The Apache WSS4J team](#) is happy to announce the 1.5.0 release of Apache WSS4J, the Web service security implementation.

You can download the releases from:

[http://www.apache.org/dyn/closer.cgi/ws/wss4j/1\\_5\\_0](http://www.apache.org/dyn/closer.cgi/ws/wss4j/1_5_0)

The distributions to the mirror(s) sites will be available in the next few days.

Apart from the binary and source distributions, We have an additional ZIP file that contains other required JAR files to install and run WSS4J.

Please refer to the \*readme.\* files in the distribution for further information regarding implemented features, additional information, links to the Wiki pages, etc.

Note that major refactoring from the 1.1.0 to 1.5.0 is mentioned in the wiki :

<http://wiki.apache.org/ws/FrontPage/WsFx/refactor>

More information about WSS4J and related projects is available on the WSS4J homepage:

<http://ws.apache.org/wss4j>

We hope you have fun with this new WSS4J

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## [-- The Apache WSS4J team](#)

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2006-05-04T00:04:20](#)

## **02 May 2006 - Apache Axiom 1.0 Released**

After nearly 2 years of development and numerous incremental releases, [The Apache WebServices Commons Project](#) is proud to announce the release of Version 1.0 of [Apache AXIOM](#). (Download : <http://ws.apache.org/commons/axiom/download.cgi> )

Apache AXIOM is a StAX-based, XML Infoset compliant object model which supports on-demand building of the object tree. It supports a novel "pull-through" model which allows one to turn off the tree building and directly access the underlying pull event stream. It also has built in support for XML Optimized Packaging (XOP) and MTOM, the combination of which allows XML to carry binary data efficiently and in a transparent manner. The combination of these is an easy to use API with a very high performant architecture.

Developed as part of [Apache Axis2](#), Apache AXIOM is the core of Apache Axis2. However, it is a pure standalone XML Infoset model with novel features and can be used independently of Apache Axis2.

### Key Features

- Full XML Infoset compliant XML object model
- StAX based builders with on-demand building and pull-through
- XOP/MTOM support offering direct binary support
- Convenient SOAP Infoset API on top of AXIOM
- Two implementations included:
  - Linked list based implementation
  - W3C DOM supporting implementation
- High performance

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## [-- The Apache WebServices Commons Project](#)

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2006-05-03T08:54:51](#)

## 20 April 2006 - Apache Neethi as the brand name of WS Policy project

Please note that Apache WS Commons Policy project will now use \*Apache Neethi\* as its brand name.

Majority of the community had voted in favour of this proposal.

Vote thread:

[http://mail-archives.apache.org/mod\\_mbox/ws-commons-dev/200604.mbox/%3c44434989.201040](http://mail-archives.apache.org/mod_mbox/ws-commons-dev/200604.mbox/%3c44434989.201040)

### Note:

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2006-04-20T21:53:02](#)

## 02 April 2006 - Apache Axis2/C 0.90 released

[The Apache Axis2/C team](#) just released the 0.90 version .. basically signally they're getting there! Its now functional, interoperable and performant. If you are looking for a highly embeddable kernel for a WS-\* stack, then you have to check it out. If you want help with it then of course [WSO2](#) will be happy to support it.

Key features of Axis2/C include:

- AXIOM, an XML object model optimized for SOAP 1.1/1.2 Messages. This has complete XML infoset support.
- Support for One-Way Messaging (In-Only) and Request Response Messaging (In-Out)
- Module Architecture, mechanism to extend the SOAP Processing Model
- Content hierarchy
- Directory based deployment model
- Raw XML providers
- WS-Addressing, both the submission (2004/08) and final (2005/08) versions
- Transports support: HTTP (both simple axis server and Apache2 httpd module)

[Check it out](#) and please send feedback to [axis-c-dev@ws.apache.org](mailto:axis-c-dev@ws.apache.org).

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**[-- The Apache Axis2/C team](#)**

### Note:

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2006-04-02T17:20:41](#)

## 25 March 2006 - Apache Axis2 v0.95 Released

[Apache Axis2 team](#) is proud to announce the release of Axis2 0.95 version.

You can download the release from : <http://ws.apache.org/axis2/download.cgi>

Axis2 version 0.95 comes with 5 different packages, giving you the flexibility to select one of them to suit your own requirements. Please see [http://ws.apache.org/axis2/0\\_95/installationguide.html](http://ws.apache.org/axis2/0_95/installationguide.html) for further details about different distributables.

### Complete Features List:

1. AXIOM, an XML object model working on StAX (Streaming API for XML) parsing optimized for SOAP 1.1/1.2 Messages. This has complete XML infoset support.
2. Support for One-Way Messaging (In-Only) and Request Response Messaging (In-Out).
3. Module Architecture, mechanism to extend the SOAP Processing model.
4. Module version support, can have multiple versions of the same module and use them depending on the requirement.
5. Content hierarchy
6. Archive based deployment model and Directory based deployment model
7. JWS like deployment (making Java class into Web service)
8. WSDL Code Generation tool for stubs and skeletons
9. WS-Addressing, both the submission (2004/08) and final (2005/08) versions
10. WSS4J module for security
11. Improved and user friendly Client API
12. WSDL2Java and Java2WSDL
13. REST (REpresentational State Transfer) Support
14. Transports supports: HTTP, SMTP, TCP, JMS
15. Raw XML providers
16. Support for MTOM/ MIME/ SwA
17. SAAJ implementation
18. DOOM
19. Pack/Unpack capability for the generated code
20. Axis Data Binding - ADB (Framework and Schema Compiler)
21. Numerous bug fixes since last release
22. Transport framework improvements (ListenerManager) - New
23. AxisServlet auto starts when the application server starts up - New
24. Module disengagement support - New
25. Loading modules (.mar files) from classpath - New
26. Sessions scoping for Application, SOAP, Transport and Request levels - New

#### Experimental Features List:

1. Server side and client side Web service Policy support
2. wsdl and xsd support
3. Generating ServiceClient for a given WSDL and invoke the corresponding service using generated client

#### Major Changes Since Last Release:

1. Transport framework improvements (ListenerManager)
2. The way to add an action mapping (wsamapping) has been moved from being a parameter to a child element. With this version onwards the way of adding an action mapping is as follows: `<actionMapping>MyMapping</actionMapping>`
3. Refactored following packages in Axiom:
  - org.apache.ws.commons.om.impl.llom.builder to org.apache.ws.commons.om.impl.builder
  - org.apache.ws.commons.om.impl.llom.mtom to org.apache.ws.commons.om.impl.mtom
  - org.apache.ws.commons.om.impl.llom.serialize to org.apache.ws.commons.om.impl.serialize
  - org.apache.ws.commons.om.impl.llom.traverse to org.apache.ws.commons.om.impl.traverse

#### Tools Included In This Release:

1. Axis2 Web Application (Web App)
2. WSDL2WS - Command line version

What's Still To Do? See list of what we think needs to be done, and consider helping out if you're interested and able!

1. JAX-RPC 1.1 and/or JAX-WS compliance
2. SOAP Encoding
3. Binary serialization and de-serialization support
4. Management Interface for Axis2
5. Implementation of other Transports.
6. Resource framework implementation (WS-RF) and Enterprise web services such as JSR 109 support
7. Completion of Interop tests

Axis2 is taking shape, this 0.95 release is a glimpse of 1.0 that is coming soon. If you happen to have a vision of how the next generation Web services platform should be, contribute to Apache Axis2, and help us shape it. Any contribution in the form of coding, testing, submitting improvements to the documentation, and reporting bugs are always welcome.

Thanks for your interest in Axis2!

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**[-- The Apache Axis2 Team](#)**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2006-03-25T03:57:46](#)

## 12 March 2006 - Apache WS Policy implementation v0.90 released

[Apache's WS-Policy implementation team](#) has released the version 0.90 of WS-Policy implementation (WS-Commons). While there's more work ahead, this framework works now and is heavily used in [Apache Axis2](#) to drive its behavior based on [WS-Policy](#) specifications.

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2006-03-12T00:22:12](#)

## 11 January 2006 - Apache Axis2 0.94 Released

[Apache Axis2 team](#) is proud to announce the release of Axis2 0.94 version. You can download the release from : <http://ws.apache.org/axis2/download.cgi> (if you can not find the distribution in the mirrors, please use the backup sites)

Axis2 version 0.94 comes with 5 different packages and 3 plugins, giving you the flexibility to select one of them to suit your own requirements. Please see [http://ws.apache.org/axis2/0\\_94/installationguide.html](http://ws.apache.org/axis2/0_94/installationguide.html) for further details about different distributables.

### Axis2 Complete Features List

- AXIOM, an XML object model working on StAX (Streaming API for XML) parsing optimized for SOAP 1.1/1.2 Messages. This has complete XML infoset support.
- Support for One-Way Messaging (In-Only) and Request Response Messaging (In-Out)
- Module Architecture, mechanism to extend the SOAP Processing Model
- Module version support , can have multiple versions of the same module and use them depending on the requirement.
- Content hierarchy
- Archive based deployment Model and Directory based deployment model
- JWS like deployment (making Java class into Web service)
- WSDL Code Generation Tool for Stub and skeletons

- WS-Addressing, both the submission (2004/08) and final (2005/08) versions
- WSS4J module for security
- Improved and user friendly Client API
- WSDL2Java
- REST (REpresentational State Transfer) Support
- Transports supports: HTTP, SMTP, TCP, JMS
- Raw XML providers
- Support for MTOM/ MIME/ SwA
- SAAJ implementation
- DOOM - New Feature
- Pack/Unpack capability for the generated code- New Feature
- Axis Data Binding - ADB (Framework and Schema Compiler)
- Numerous bug fixes since last release

#### Axis2 Experimental Features List

- Sessions scoping for Application, SOAP, Transport and Request levels
- Server side Web Service Policy support
- ?wsdl and ?xsd support
- Java2WSDL
- Generating ServiceClient for a given WSDL and invoke the corresponding service using generated client.

#### Major Changes Since Last Release

- Fixing of memory leaks
- Client API changes , Introducing ServiceClient instead of MEPClient, InOnlyMEPClient, InOutMEPClient, Call. (Please note that the above classes will be deprecated in this release.)
- Module versioning support , can have multiple versions of the same module and use them depending on the requirement.
- Code generator improved to process multi-port WSDL's properly
- Packing and unpacking options for the code generated classes
- Multiple Axis2 packaging distros for diferent requirements

#### Tools Included In This Release

- Axis2 Web Application (Web App)
- WSDL2WS- Eclipse plugin/ Command line version/ IntelliJ IDEA plugin
- Service Archive Wizard- Eclipse plugin/ IntelliJ IDEA plugin

#### \*What's Still To Do?\*

- See list of what we think needs to be done, and consider helping out if you're interested

and able!

- JAX-RPC 1.1 and/or JAX-WS compliance
- SOAP Encoding
- Binary serialization and de-serialization support
- Management Interface for Axis2
- Implementation of other Transports.
- Resource framework implementation (WS-RF) and Enterprise web services such as JSR 109 support
- Completion of interop tests

Axis2 is taking shape and this 0.94 release is a glimpse of version 1.0 that will be coming soon. If you happen to have a vision of how the next generation of Web Service should be, and like to contribute to Apache Axis2 feel free to pitch in. Any contributions in the form of coding, testing, submitting improvements to the documentation, and reporting bugs are most welcome!

Thanks for your interest in Apache Axis2!

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**[-- The Apache Axis2 Development Team](#)**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2006-01-11T17:56:25](#)

## **30 December 2005 - Apache XML-RPC 2.0.1 Released**

[The Apache XML-RPC team](#) is glad to announce the availability of Apache XML-RPC 2.0.1. Version 2.0.1 is a bug fix release. See changes below.

- The Webserver class was unable to handle basic authentication, because the BASE64 codec wasn't initialized.  
Issue: XMLRPC-68, Johan Oskarson
- The characters 0x20, 0xe000, and 0x10000 have been escaped without reason.  
Issue: XMLRPC-69, Claude Zervas
- The wrong version of commons-codec was downloaded by build.xml.  
Issue: XMLRPC-73, Thomas Mohaupt
- Added the CommonsXmlRpcTransportFactory.  
Jimisola Laursen
- Added the possibility to specify a timezone for interpreting incoming date values.  
Henry Story
- Upgrade to [commons-httpclient](#) 3.0.

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**[-- The Apache XML-RPC team](#)**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2005-12-31T04:33:21](#)

**04 December 2005 - Apache Axis2 v0.93 Released**

[The Apache Axis2 team](#) is proud to announce the 0.93 release. -- [\(read more\)](#)

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2005-12-04T11:18:03](#)

**24 October 2005 - Apache Pubscribe v1.1 Released**

[The Apache Pubscribe Dev Team](#) is pleased to announce the v1.1 release of Apache Pubscribe. This release does not provide any new features; it includes API changes and bug fixes.

NOTE: Please read the Release Notes for important information on the changes to the project. Previous users will find critical information about the porting/regeneration of pre-1.1 generated services.

Binary and source distributions can be downloaded from:  
<http://www.apache.org/dyn/closer.cgi/ws/pubscribe/>

We welcome your feedback.

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**[-- The Apache Pubscribe Dev Team](#)**

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Product Info	
TLP (Top Level Project) Name	<a href="#">Apache WebServices Project</a>
The Apache WebServices Project is a collaborative software development project dedicated to providing open-source softwares related to the provision and discovery of application programming interfaces made available via application protocols like HTTP and whose requests and responses are usually formatted in XML. The technologies relevant here are those typically associated with "Web Services" by the popular IT press, such as SOAP, XML-RPC, UDDI, WSDL, and others.	

Product Name	<a href="#">Apache Subscribe</a>
Apache Subscribe is a robust Java implementation of the Web Services Notification (WSN) family of specifications. WSN defines a set of specifications that standardize the way Web services can interact using the Notification pattern, which defines a way for consumers to subscribe to a producer for notifications whenever a particular event occurs. WSN builds upon the WS-ResourceFramework (pubscribe) family of specifications. Apache Subscribe leverages the Apache WSRF project as its implementation of the pubscribe foundation.	
Downloads	<a href="http://ws.apache.org/pubsubscribe/release.html">http://ws.apache.org/pubsubscribe/release.html</a>
Bug Tracking	<a href="http://ws.apache.org/pubsubscribe/issue_tracking.html">http://ws.apache.org/pubsubscribe/issue_tracking.html</a>
Mailing Lists	<a href="http://ws.apache.org/pubsubscribe/contact_info.html#Mailing+Lists">http://ws.apache.org/pubsubscribe/contact_info.html#Mailing+Lists</a>
License	<a href="#">Apache License Version 2.0</a>

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at 2005-10-24T21:58:14

## 24 October 2005 - Apache WSRF v1.1 Released

[The Apache WSRF Dev Team](#) is pleased to announce the v1.1 release of Apache WSRF. This release does not provide any new features; it includes API changes and bug fixes.

NOTE: Please read the Release Notes for important information on the changes to the project. Previous users will find critical information about the porting/regeneration of pre-1.1 generated services.

Binary and source distributions can be downloaded from:  
<http://www.apache.org/dyn/closer.cgi/ws/wsrf/>

We welcome your feedback.

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**[-- The Apache WSRF Dev Team](#)**

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Product Info	
TLP (Top Level Project) Name	<a href="#">Apache WebServices Project</a>
The Apache WebServices Project is a collaborative software development project dedicated to providing open-source softwares related to the provision and discovery of application programming	

<p>interfaces made available via application protocols like HTTP and whose requests and responses are usually formatted in XML. The technologies relevant here are those typically associated with "Web Services" by the popular IT press, such as SOAP, XML-RPC, UDDI, WSDL, and others.</p>	
Product Name	<a href="#">Apache WSRF</a>
<p>Apache WSRF is a robust Java implementation of the Web Services Resource Framework (WSRF) family of specifications. WSRF defines a generic and open framework for modeling and accessing stateful resources using Web services. This includes mechanisms to describe views on the state, to support management of the state through properties associated with the Web service, and to describe how these mechanisms are extensible to groups of Web services.</p>	
Downloads	<a href="http://ws.apache.org/wsrf/release.html">http://ws.apache.org/wsrf/release.html</a>
Bug Tracking	<a href="http://ws.apache.org/wsrf/issue_tracking.html">http://ws.apache.org/wsrf/issue_tracking.html</a>
Mailing Lists	<a href="http://ws.apache.org/wsrf/contact_info.html#Mailing+Lists">http://ws.apache.org/wsrf/contact_info.html#Mailing+Lists</a>
License	<a href="#">Apache License Version 2.0</a>

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at 2005-10-24T21:30:06

## 12 October 2005 - Apache Axis (Java) 1.3 Released

[The Apache Axis team](#) is pleased to announce the availability of Apache Axis (Java) version 1.3. This version gives Axis the ability to run inside applets, more efficiently process attachments, and preliminary support for MTOM, not to mention the usual round of bug fixes.

This release is intended to be 100% compliant with the JAX-RPC and SAAJ specifications from Sun. The Apache Axis code has successfully passed the all of the JAX-RPC and SAAJ TCK (Technology Compatibility Kit) tests.

Changes from [1.2.1 final](#) include:

- Support Axis inside Applets
- Upgrade versions of dependency jars
- Updated [xmlbeans](#) serializer/deserializer
- Fixes for SAAJ
- Fixes for Code Generation
- Fixes for tools
- Fixes for Runtime
- Fixes for Performance
- Fixes for various attachments problems

- Fixes for Memory Leaks
- Cleanup support for JavaBeans with array-type properties
- Extract attachment streams directly from http request (w/o intermediate files)
- GC Fixes for long standing servers ([Apache Geronimo](#))
- Preliminary support for MTOM

More info is available in the changelog.html in the release.

You can find the release at:

[http://www.apache.org/dyn/closer.cgi/ws/axis/1\\_3/](http://www.apache.org/dyn/closer.cgi/ws/axis/1_3/)

The Apache Axis webpage (which contains info on mailing lists, bug reports, etc) can be found, as always, at:

<http://ws.apache.org/axis/>

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**[-- The Apache Axis team](#)**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at 2005-10-12T00:00:58

## 27 September 2005 - Apache Axis2 0.92 Released

[The Apache Axis Development Team](#) announced the availability of the version 0.92 of [Apache Axis2](#).

You can download the release from:

<http://ws.apache.org/axis2/download.cgi>

This release includes the following features:

1. Complete XML infoset support for AXIOM
2. AXIOM, a SOAP specific streaming XML infoset model for SOAP 1.1/1.2 messages
3. Support for one-way messaging and request response messaging
4. Modules, mechanism to extend the SOAP processing model
5. Archives based deployment model
6. WSDL2Java code generation tool for stub and skeletons
7. [XMLBeans](#) based data binding support
8. Support for WS-Addressing, both the submission and final versions
9. Client API

10. REST web service support
11. HTTP transport support
12. SMTP transport support
13. TCP transport support
14. MTOM/SWA attachments support
15. SAAJ implementation
16. WS-Security support using WSS4J
17. Support for context hierarchy serialization
18. and numerous bug fixes after 0.91 release

The release include following tools:

1. Admin Web App
2. WSDL2Java, eclipse Plugin/Command line version
3. Service Archive Wizard, eclipse Plugin
4. Module Archive Wizard, eclipse Plugin
5. Service Archive Wizard, IntelliJ IDEA Plugin

What's still to do?

Please see a list of what we think needs doing - and please consider helping out if you're interested & able!

1. SOAP 1.1 and 1.2 validation
2. JAX-RPC 1.1/2.0 compliance
3. Implementation of other transports. e.g. JMS..
4. WSDL Generation
5. Axis2 Databinding implementation

Axis2 is taking shape, this 0.92 release is a glimpse of 1.0 that should be coming soon. If you happen to have vision of how the next generation of the Web Service should be, and like to contribute to Apache Axis2 please help us to shape the Apache Axis2. Any contribution in the form of Coding, testing, submitting improvements to the documentation, and reporting bugs are always welcome.

Thanks for your interest in Axis2!

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**[-- The Apache Axis Development Team](#)**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2005-09-27T01:35:01](#)

## 05 September 2005 - Apache WSS4J 1.1.0 Released

[The Apache WSS4J Development team](#) would like to announce the version 1.1.0 release for Apache WSS4J Web Service Security implementation.

You can download the releases from:

[http://www.apache.org/dyn/closer.cgi/ws/wss4j/1\\_1\\_0/](http://www.apache.org/dyn/closer.cgi/ws/wss4j/1_1_0/) (from mirrors)

Please allow one or two days to deliver the distributions to the mirror(s).

Available is a binary as well as source distribution. As a courtesy for the WSS4J user we've added an additional ZIP file that contains other required JAR files to install and run WSS4J.

Please refer to the \*readme.\* files in the distribution for further information regarding implemented features, additional information, links to the Wiki pages, etc.

More information about WSS4J and related projects is available on the WSS4J homepage:

<http://ws.apache.org/wss4j>

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**[-- The Apache WSS4J Development team](#)**

### Note:

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2005-09-05T01:56:47](#)

## 16 August 2005 - Apache Axis2 v0.91 Released

[Apache Axis2 Development Team](#) is pleased to announce the release of the version 0.91 of Apache AXIS2.

### Downloads:

[http://www.apache.org/dyn/closer.cgi/ws/axis2/0\\_91/axis2-0.91-src.zip](http://www.apache.org/dyn/closer.cgi/ws/axis2/0_91/axis2-0.91-src.zip)

[http://www.apache.org/dyn/closer.cgi/ws/axis2/0\\_91/axis2-0.91-bin.zip](http://www.apache.org/dyn/closer.cgi/ws/axis2/0_91/axis2-0.91-bin.zip)

This Axis2 0.91 release has the following features:

- AXIOM, a SOAP specific streaming XML infoset model for SOAP 1.1/1.2 Messages
- Full XML infoset support with AXIOM
- Support for One-Way Messaging and Request Response Messaging

- Modules, mechanism to extend the SOAP Processing Model
- Archives based deployment Model
- WSDL Code Generation Tool for Stub and skeletons based on WSDL 1.1
- XML Beans based data binding support
- Support for WS-Addressing, both the Submission and Final versions
- Client API
- REST Web Service Support
- HTTP transport Support
- SMTP transport Support
- TCP transport Support
- MTOM/SwA attachments support
- SAAJ implementation
- Numerous bug fixes after version 0.9

If you have a vision of how the next generation of Web services middleware should be, and like to contribute to Axis2, please join us at [axis-dev@ws.apache.org](mailto:axis-dev@ws.apache.org). Any contribution in the form of coding, testing, submitting improvements to the documentation, and reporting bugs is always welcome.

More information about Axis2 is available from the Axis2 home:

<http://ws.apache.org/axis2>

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### **-- The Apache Axis2 Development Team**

#### **Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2005-08-16T18:56:45](#)

## **10 August 2005 - Apache JaxMe 0.5 Released**

[The Apache JaxMe \(WS\) team](#) is proud to announce the availability of JaxMe 0.5. JaxMe aims to become an implementation of the JAXB 1.0 specification.

Compared to the version 0.4, the following features have been added:

- Mixed content is supported
- xs:extension is now properly mapped to Java inheritance

Compared to the beta release, several important bugs have been fixed.

JaxMe 0.5 is available from any Apache mirror. See

<http://ws.apache.org/jaxme/downloads.cgi>

for a list of mirrors. See also the following links:

JaxMe: <http://ws.apache.org/jaxme>

JAXB: <http://java.sun.com/xml/jaxb>

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### **[-- The Apache JaxMe Development Team](#)**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at 2005-08-10T10:27:09

## **05 August 2005 - Apache WSRF (WS) 1.0 Released**

[Apache WSRF Development Team](#) and [the Apache WebServices Project](#) are pleased to announce the v1.0 release of Apache WSRF

This release provides the following features:

- Quick Demo
- Tutorial
- Developer Guide
- Bug Fixes
- Many Enhancements

NOTE: Please read the Release Notes for important information on the changes to the project. Previous users will find critical information about the porting/regeneration of pre-1.0 generated services.

Binary and source distributions can be downloaded from:

<http://www.apache.org/dyn/closer.cgi/ws/wsrf/1.0>

We welcome your feedback.

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### **[-- Apache WSRF Development Team](#)**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at 2005-08-05T22:15:44

## 05 August 2005 - Apache Muse (WS) 1.0 Released

[Apache Muse Development Team](#) and [the Apache WebServices Project](#) are pleased to announce the v1.0 release of Apache Muse.

This release provides the following features:

- Quick Demo
- Tutorial
- Developer Guide
- Bug Fixes
- Many Enhancements

NOTE: Please read the Release Notes for important information on the changes to the project. Previous users will find critical information about the porting/regeneration of pre-1.0 generated services.

Binary and source distributions can be downloaded from:

<http://www.apache.org/dyn/closer.cgi/ws/muse/1.0>

We welcome your feedback.

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**[-- Apache Muse Development Team](#)**

### Note:

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2005-08-05T22:13:48](#)

## 05 August 2005 - Apache Pubscribe (WS) 1.0 Released

[Apache Pubscribe Development Team](#) and [the Apache WebServices Project](#) are pleased to announce the v1.0 release of Apache Pubscribe.

This release provides the following features:

- Quick Demo
- Tutorial
- Developer Guide
- Bug Fixes
- Many Enhancements

NOTE: Please read the Release Notes for important information on the changes to

the project. Previous users will find critical information about the porting/regeneration of pre-1.0 generated services.

Binary and source distributions can be downloaded from:

<http://www.apache.org/dyn/closer.cgi/ws/subscribe/1.0>

We welcome your feedback.

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**[-- Apache Subscribe Development Team](#)**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2005-08-05T22:06:55](#)

## 29 July 2005 - Apache WSS4J 1.0.0 Released

<http://ws.apache.org/wss4j/>

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2005-07-29T20:22:28](#)

## 29 July 2005 - Apache Sandesha 1.0 Released

<http://ws.apache.org/sandesha/>

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2005-07-29T20:20:29](#)

## 05 July 2005 - Apache Axis2 v0.9 Released

[The Apache Axis2 Development Team](#) is pleased to announce the 0.9 release of Apache Axis2.

You can download the releases from:

[http://www.apache.org/dyn/closer.cgi/ws/axis2/0\\_9/axis2-0.9-src.zip](http://www.apache.org/dyn/closer.cgi/ws/axis2/0_9/axis2-0.9-src.zip)

[http://www.apache.org/dyn/closer.cgi/ws/axis2/0\\_9/axis2-0.9-bin.zip](http://www.apache.org/dyn/closer.cgi/ws/axis2/0_9/axis2-0.9-bin.zip)

This Axis2 0.9 release has the following features:

- AXIOM, a SOAP specific streaming XML infoset model for SOAP 1.1/1.2 Messages
- Support for One-Way Messaging and Request Response Messaging

- Modules, mechanism to extend the SOAP Processing Model
- Archives based deployment Model
- WSDL Code Generation Tool for Stub and skeletons based on WSDL 1.1
- XML Beans based data binding support
- Support for WS-Addressing, both the Submission and Final versions
- Client API
- REST Web Service Support
- HTTP transport Support
- SMTP transport Support
- TCP transport Support
- MTOM/SWA attachments support
- SAAJ implementation

If you have a vision of how the next generation of Web services middleware should be, and like to contribute to Axis2, please join us at [axis-dev@ws.apache.org](mailto:axis-dev@ws.apache.org). Any contribution in the form of coding, testing, submitting improvements to the documentation, and reporting bugs is always welcome.

More information about Axis2 is available from the Axis2 home:  
<http://ws.apache.org/axis2>

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**[-- The Apache Axis2 Development Team](#)**

**Note:**

Apache WebServices -- Posted by [Tetsuya Kitahata](#) at [2005-07-05T13:25:58](#)